

Date: Sun, 12 Jun 94 22:01:06 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #656
To: Info-Hams

Info-Hams Digest Sun, 12 Jun 94 Volume 94 : Issue 656

Today's Topics:

 440 in So. Cal.
 <<Best dual band verticals?>>
 ANS-162 BULLETINS
 Any Ham in CASARA ?
 Beware of RADIOKIT kits (IMHO) (2 msgs)
 Daily Summary of Solar Geophysical Activity for 11 June
 HTX 202 (2 msgs)
 IPS Daily Report - 12 June 94

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 12 Jun 1994 21:27:20 -0700
From: news.claremont.edu!kaiwan.com!not-for-mail@uunet.uu.net
Subject: 440 in So. Cal.
To: info-hams@ucsd.edu

Brian Suggs (suggs@tcville.es.hac.com) wrote:

> I've been following this thread with some interest from the point of view
> of someone who will be a newcomer on the airwaves. (I'm taking the license
> exams this weekend.) From what I understand, as far as the FCC is concerned,
> a coordinated repeater has preference over an uncoordinated one should they
> be interfering with each other, and that is all. My question is this: Who
> are the coordinating bodies and how are they appointed. Is there any official
> (FCC recognized) status of these bodies, or could anyone form a group and
> claim to be a new repeater coordinating body? Also, what criteria are used by
> coordinating bodies to resolve disputes, and are these criteria consistent

> among different coordinating bodies? If someone gets a repeater to be
> coordinated do they get to keep their frequencies indefinitely, or can the
> coordinating body be persuaded to give it to someone else. (and again, what
> criteria would they use to decide.)

Hi Brian. By now you've taken that test. How did you do?

These coordinating bodies form. Their power basically is in acceptance by the amateur community. The FCC's only sanction of them are some warm words in Part 97. How disputes are resolved, and the rules about how stations are coordinated, are up to these bodies.

In practice, it's a tough thankless job.

--

[Robb Topolski][San Clemente CA][topolski@kaiwan.com][192.215.30.2]
Mattel has come out with a new Barbie doll for Christmas: Divorcee' Barbie.
It comes with all the usual accessories, plus all of Ken's stuff.

Date: Sun, 12 Jun 1994 21:31:19 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!usenet.ins.cwru.edu!ncoast!
fmsystem.telemex.com!fmsys!macy@network.ucsd.edu
Subject: <<Best dual band verticals?>>
To: info-hams@ucsd.edu

In article <2tdee3\$1go@brahms.udel.edu> penneys@brahms.udel.edu (Robert Penneys)
writes:

>

>We are having some debate in the club about the best base station verticals
>for 2m/440.

We've used several types for the couple local clubs I'm involved with.
What always seems to work best is the Diamond X-500 or X-500RH.
Yes, they wave around a bit in the wind, but they work very well.
(We've tried others, but keep coming back to the Diamond X-500)

Diamonds will not withstand direct lightning strikes. Some commercial
antennas seem to do better with lightning, but offer lesser performance.

Since we can buy a X-500RH (heavy duty version) for around \$220, we've
decided to bear with replacing them when they are destroyed by lightning.
Around here, that's about every two years for a tower mounted unit.

Note: for some reason we have not tried the similiar Comet. I hear
other clubs have, and like it. Also, it's a good idea to seal up these
fiberglass antennas with silicone seal when you assemble them. Every

once in a while, a leak around a joint will develop, probably from the flexing in the wind.

Regards,

--

Macy M. Hallock, Jr. N80BG +1.216.723.3030 macy@telemax.com macy@fms.com
Telemax, Inc. - F M Systems, Inc. 152 Highland Drive Medina, OH 44256 USA

Date: 13 Jun 94 01:20:28 GMT
From: news-mail-gateway@ucsd.edu
Subject: ANS-162 BULLETINS
To: info-hams@ucsd.edu

SB SAT @ AMSAT \$ANS-162.01
DOVE VOICE TESTING STATUS

HR AMSAT NEWS SERVICE BULLETIN 162.01 FROM AMSAT HQ
SILVER SPRING, MD JUNE 11, 1994
TO ALL RADIO AMATEURS BT
BID: \$ANS-162.01

DOVE-OSCAR-17 (DOVE) Voice Synthesizer Testing Continues

At about 11-JUNE-94 05:30 UTC the DOVE Ground Command Team completed a reload of the DOVE software and activated another voice test. The pronunciation of the word "Hi" is a bit different and the overall amplitude of the voice is higher. The text message is a greeting to those attending the ARRL Convention and Education Forum.

The DOVE Ground Command Team expects to continue the hardware testing process while simultaneously proceeding with software development. It is expected that this effort will probably last several days to a few weeks before all the testing and software development is completed. There may be times when the voice message will not be heard due to uploading of new software.

It would be appreciate if reports on how well the voice can be heard with simple receiving equipment (a H/T with a rubber duck antenna) could be sent to any of the following individuals who have mail address on INTERNET:

WJ9F@amsat.org
PY2BJO@amsat.org
WD0E@amsat.org
VK7ZBX@amsat.org
N5AHD@amsat.org

Telemetry is not needed at this time.

[The AMSAT News Service would like to thank Jim White (WD0E) for this bulletin item.]

/EX

SB SAT @ AMSAT \$ANS-162.02

IO-26 STATUS REPORT

HR AMSAT NEWS SERVICE BULLETIN 162.02 FROM AMSAT HQ

SILVER SPRING, MD JUNE 11, 1994

TO ALL RADIO AMATEURS BT

BID: \$ANS-162.02

ITAMSAT-OSCAR-26 (IO-26) Status Report

After a couple of weeks of being in the stand-by mode, IO-26, under ground command, was switched back ON. A new MBL code was successfully loaded to test the modified s/c configuration (secondary TX on). Telemetry shows all the vital parameters in nominal status. Further tests will be carried out in the next days. Also due to the very limited time budget of the command stations please expect a few weeks before normal operations.

[The AMSAT News Service (ANS) would like to thank Alberto Zagni (I2KBD) for this bulletin item.]

/EX

SB SAT @ AMSAT \$ANS-162.03

WEEKLY OSCAR STATUS REPORTS

HR AMSAT NEWS SERVICE BULLETIN 162.03 FROM AMSAT HQ

SILVER SPRING, MD JUNE 11, 1994

TO ALL RADIO AMATEURS BT

BID: \$ANS-162.03

Weekly OSCAR Status Reports: 11-JUN-94

A0-13: Current Transponder Operating Schedule:

L QST *** A0-13 TRANSPONDER SCHEDULE *** 1994 May 07-Jul 11

Mode-B : MA 0 to MA 170 |

Mode-BS : MA 170 to MA 218 |

Mode-S : MA 218 to MA 220 |<- S beacon only

Mode-S : MA 220 to MA 230 |<- S transponder; B trsp. is OFF

Mode-BS : MA 230 to MA 250 | Alon/Alat 230/-5

Mode-B : MA 250 to MA 256 |

Omnis : MA 250 to MA 120 | Move to attitude 180/0, Jul 11

[G3RUH/DB20S/VK5AGR]

L0-19: L0-19 is on the air but only telemetry is being sent and there are are no BBS functions operational. [WH6I]

K0-23: This bird and K0-25 are very busy at the present time with message and file traffic. There have been a lot of new earth imaging files available for down loading on both birds. The file KAIW008D gives a good image of the Italian penninsula in the Med. There is also a steady stream of WISP files as ZL2TP0 keeps the his programing modifications coming. Also, the program WISP can also be found on the BBS. [WH6I]

A0-16: A0-16 is running strong, the only 1200 baud bird in operation at the present time. [WH6I]

I0-26: I0-26 is sending telemtry, but the BBS is not yet on. [WH6I]

The AMSAT NEWS Service (ANS) is looking for volunteers to contribute weekly OSCAR status reports. If you have a favorite OSCAR which you work on a regular basis and would like to contribute to this bulletin, please send your observations to WD0HHU at his CompuServe address of 70524,2272, on INTERNET at wd0hhu@amsat.org, or to his local packet BBS in the Denver, CO area, WD0HHU @ W0LJF.#NECO.CO.USA.NOAM. Also, if you find that the current set of orbital elements are not generating the correct AOS/LOS times at your QTH, PLEASE INCLUDE THAT INFORMATION AS WELL. The information you provide will be of value to all OSCAR enthusiasts.

/EX

Date: 13 Jun 94 04:19:33 GMT
From: news-mail-gateway@ucsd.edu
Subject: Any Ham in CASARA ?
To: info-hams@ucsd.edu

Greetings,

I would like to know if their are any ham operators who work for CASARA (Civil Air Search And Rescue Association).

Guy VE3 XGQ
Co-Sysop of the Sudbury Amateur Radio BBS 1:224/50
guy@penage.cs.laurentian.ca

Date: 13 Jun 1994 00:15:05 GMT

From: ihnp4.ucsd.edu!swrinde!gatech!news-feed-1.peachnet.edu!hobbes.cc.uga.edu!
aisun1.ai.uga.edu!mcovingt@network.ucsd.edu
Subject: Beware of RADIOKIT kits (IMHO)
To: info-hams@ucsd.edu

That is unfortunate. Radiokit has been around for quite a few years;
surely they wouldn't have lasted that long if that kind of performance
were the norm.

--
< Michael A. Covington, Assc Rsch Scientist, Artificial Intelligence Center >
< The University of Georgia, Athens, GA 30602-7415 USA mcovingt@ai.uga.edu >
< Unless specifically indicated, I am not speaking for the University. > <><
For information about any U.Ga. graduate program, email gradadm@uga.cc.uga.edu.

Date: 12 Jun 1994 19:16:06 -0700
From: nntp.crl.com!crl2.crl.com!not-for-mail@decwrl.dec.com
Subject: Beware of RADIOKIT kits (IMHO)
To: info-hams@ucsd.edu

In article <2tg8e9\$1k5@hobbes.cc.uga.edu> mcovingt@aisun1.ai.uga.edu (Michael
Covington) writes:
>That is unfortunate. Radiokit has been around for quite a few years;
>surely they wouldn't have lasted that long if that kind of performance
>were the norm.

Oh, I don't know, maybe they hired a MBA to run their quality control?

Jeff

--
Jeff Jones AB6MB | Remember nothing is impossible to
jeffj@crl.com | a sick mind!

Date: Sat, 11 Jun 1994 21:51:43 MDT
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!
ve6mgs!usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 11 June
To: info-hams@ucsd.edu

/\

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

11 JUNE, 1994

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 11 JUNE, 1994

NOTE: Electron fluence at greater than 2 MeV is at moderate levels.

```

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 162, 06/11/94
10.7 FLUX=086.4  90-AVG=081          SSN=080          BKI=3334 3323  BAI=015
BGND-XRAY=A7.3    FLU1=2.9E+05  FLU10=1.2E+04  PKI=3345 3223  PAI=020
    BOU-DEV=026,031,023,040,029,021,015,022  DEV-AVG=025 NT      SWF=00:000
    XRAY-MAX= B1.8    @ 1735UT    XRAY-MIN= A6.7    @ 0822UT    XRAY-AVG= A8.7
NEUTN-MAX= +002%    @ 2205UT    NEUTN-MIN= -002%    @ 1825UT    NEUTN-AVG= +0.5%
    PCA-MAX= +0.2DB @ 1920UT    PCA-MIN= -0.3DB @ 2100UT    PCA-AVG= +0.0DB
BOUTF-MAX=55327NT @ 0208UT    BOUTF-MIN=55298NT @ 0929UT    BOUTF-AVG=55310NT
GOES7-MAX=P:+000NT@ 0000UT    GOES7-MIN=N:+000NT@ 0000UT    G7-AVG=+080,+000,+000
GOES6-MAX=P:+149NT@ 1939UT    GOES6-MIN=N:-089NT@ 0913UT    G6-AVG=+108,+030,-029
    FLUXFCST=STD:086,086,086;SESC:086,086,086  BAI/PAI-FCST=018,015,010/018,015,010
    KFCST=3344 3333 3234 3332  27DAY-AP=030,030  27DAY-KP=3356 4334 4454 6433
WARNINGS=
    ALERTS=**245STRM:1136-1526UTC(MOD-INTENSITY)
!!END-DATA!!

```

NOTE: The Effective Sunspot Number for 10 JUN 94 was 39.0.
 The Full Kp Indices for 10 JUN 94 are: 2o 3- 3- 5o 3- 4- 3- 3o
 The 3-Hr Ap Indices for 10 JUN 94 are: 8 14 11 46 14 21 13 15
 Greater than 2 MeV Electron Fluence for 10 JUN is: 2.5E+08

SYNOPSIS OF ACTIVITY

Solar activity continued at a very low level. Slow decay was observed in most regions and the east limb is quiet as seen in Yohkoh soft x-ray imagery. A small region emerged near N13E04 and was numbered as new Region 7734.

Solar activity forecast: solar activity should continue at a very low level. An isolated C-class flare is a slight possibility.

The geomagnetic field was mostly unsettled. The period

between approximately 0900-1200Z was at active to minor storm levels with some high latitude sites reporting major storming during that interval. Energetic electron fluxes at geosynchronous altitude were at mostly moderate levels.

Geophysical activity forecast: the geomagnetic field should be unsettled to slightly active. The most disturbed periods should occur near local nighttime. Isolated storm conditions are expected at high latitudes.

Event probabilities 12 jun-14 jun

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 12 jun-14 jun

A. Middle Latitudes

Active	35/30/25
Minor Storm	20/15/10
Major-Severe Storm	10/05/01

B. High Latitudes

Active	40/35/30
Minor Storm	20/20/15
Major-Severe Storm	15/15/05

HF propagation conditions were near-normal over all regions. No significant degradation was reported. The strength of the anticipated coronal-hole disturbance has thus far been weaker than expected. Conditions should remain near-normal over all regions throughout the next 72 hours. Sporadic minor signal degradation can be expected on transauroral night-crossing circuits.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 11/2400Z JUNE

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7730	S10E22	128	0080	DAO	05	009	BETA	
7731	N08E27	123	0090	DAO	03	003	BETA	
7732	S09W67	217	0030	BX0	06	005	BETA	
7733	N05W21	171	0030	BX0	06	008	BETA	

7734 N13E03 147 0020 CRO 04 005 BETA
REGIONS DUE TO RETURN 12 JUNE TO 14 JUNE
NMBR LAT LO
NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 11 JUNE, 1994

BEGIN MAX END RGN LOC XRAY OP 245MHZ 10CM SWEEP SWF
NO EVENTS OBSERVED

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 11 JUNE, 1994

NO EVENTS OBSERVED

INFERRED CORONAL HOLES: LOCATIONS VALID AT 11/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS
EAST SOUTH WEST NORTH CAR TYPE POL AREA OBSN
85 S17W05 S25W54 S20W64 N28W32 189 ISO POS 024 10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date Begin Max End Xray Op Region Locn 2695 MHz 8800 MHz 15.4 GHz

NO EVENTS OBSERVED.

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

C M X S 1 2 3 4 Total (%)
-- -- -- -- -- -- -- -- -- --
Uncorrelated: 0 0 0 0 0 0 0 0 000 (0.0)

Total Events: 000 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date Begin Max End Xray Op Region Locn Sweeps/Optical Observations

NO EVENTS OBSERVED.

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Sun, 12 Jun 1994 21:22:37 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!usenet.ins.cwru.edu!ncoast!fmsysm.telemax.com!fmsys!macy@network.ucsd.edu
Subject: HTX 202
To: info-hams@ucsd.edu

In article <441@bjohns.win.net> bret@bjohns.win.net (Bret A. Johnson) writes:
>I am looking for options on the Radio Shack HTX 202 HT.

Pros:

Fairly easy to use.
Good intermod performance, well suited to urban/suburban areas.
Good sensitivity.
Uses easy to obtain accessories (same as a popular older ICOM model)
Inexpensive, RS was selling them for \$188, I've seen them for \$150 at hamfests recently. May be the best buy in a handheld today.
Durable. Not a fragile unit.
Radio Shack will sell extended warranty, if you wish.
(I prefer to use my Gold Mastercard's extended warranty program, BTW)
Well liked for packet operation in non-fringe areas.

Cons:

RS name is disliked by some (but unit is well constructed)
Does not have advanced features some prefer.
Cannot operate out of band as other units can.
Larger and heavier than many current models by others.
Not a large number of memories.

In summary, a nice basic or entry level hand held 2m unit.
If you want small, highly featured or prestige, look elsewhere.
For basic, durable and straightforward, these are hard to beat.

I'm looking for one of these used for my son to use at Ohio State
this fall, for all the reasons above. I hesitated and missed one
for \$150 w/spkrmike at the hamfest today. (Seems as though these
always sell quickly at hamfests, when priced below \$188)

Regards,

--

Macy M. Hallock, Jr. N80BG +1.216.723.3030 macy@telemax.com macy@fms.com
Telemax, Inc. - F M Systems, Inc. 152 Highland Drive Medina, OH 44256 USA

Date: Sun, 12 Jun 94 23:18:40 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: HTX 202
To: info-hams@ucsd.edu

Macy Hallock <macy@telemax.com> writes:

>Cannot operate out of band as other units can.

Is there an extended receive code anywhere out there for this radio?
also, I'm sort of new to both HAM and internet, in the first message, there
was a series of codes, what in the world was that?
I'd appreciate any assistance, advice, or suggestions relating to this radio.

Thanks,
Larry Good, N2WNO

Date: Sun, 12 Jun 1994 23:25:12 GMT
From: ihnp4.ucsd.edu!swrinde!pipex!sunic!trane.uninett.no!nac.no!nntp.uio.no!
ifi.uio.no!wabbit.cc.uow.edu.au!metro!ipso!rwc@network.ucsd.edu
Subject: IPS Daily Report - 12 June 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 12/2330Z JUNE 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 12 JUNE AND FORECAST UP TO 15 JUNE

IPS Warning 16 was issued on 08 June and is current
for interval June 11-13.

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 086/029

1B. SOLAR FORECAST

	13 June	14 June	15 June
Activity	Low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 086/029

1C. SOLAR COMMENT
A solar filament near the centre of the solar disk has dissappeared.

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: unsettled to active

Estimated Indices :	A	K	Observed A Index 11 June
Learmonth	21	3344 4433	
Fredericksburg	21		15
Planetary	22		16

Observed Kp for 11 June: 3345 3223

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
13 Jun	20	Active.
14 Jun	16	Unsettled.
15 Jun	16	Unsettled to active.

2C. MAGNETIC COMMENT
Active levels expected June 13 due to coronal hole. Active periods
may be observed during June 16-17 due to dissappearing solar

filament.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
12 Jun	normal	fair	fair

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
13 Jun	normal	fair	poor
14 Jun	normal	fair	poor
15 Jun	normal	fair	poor

3C. GLOBAL HF PROPAGATION COMMENT

Degraded HF comms conditions expected today for mid and high lats.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were about 15% above predicted monthly values

Observed T index for 12 June: 53

Predicted Monthly T Index for June is 30.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
13 Jun	40	About 10% above predicted monthly values.
14 Jun	40	About 10% above predicted monthly values.
15 Jun	40	About 10% above predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

Degraded HF comms possible today.

--

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
email: rwc@ips.oz.au fax: +61 2 4148331	PO Box 5606
RWC Duty Forecaster tel: +61 2 4148329	West Chatswood NSW 2057
Recorded Message tel: +61 2 4148330	AUSTRALIA

Date: 12 Jun 1994 21:47:52 -0700

From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!paris.ics.uci.edu!

news.claremont.edu!kaiwan.com!not-for-mail@network.ucsd.edu
To: info-hams@ucsd.edu

References <199406071807.LAA19308@ucsd.edu>, <rogjdCr2voM.4IA@netcom.com>,
<CSLE87-090694095911@145.39.1.10>
Subject : Re: 440 in So. Cal.

Karl Beckman (CSLE87@email.mot.com) wrote:

> Roger, from your callsign I can see that you hold a high enough class of
> license to know that you can either personally fill some of that
> underutilized spectrum with your own repeater, or join one of the smaller
> special interest groups that utilize 440 for their amateur radio
> activities. Open repeaters weren't the issue, access to spectrum was and
> continues to be the problem.

Karl,

The Subject: line of this message is still 440 in Southern California.
This is not Texas or Ohio.

If Roger wanted to put up a 440 repeater in Southern California, all indications are this widely popular service would be co-channelled with other open repeaters on about a half-dozen frequencies. I don't have my repeater guide with me, but I think six is pretty close to the actual number of pairs -- out of all the 440 band -- where open repeaters are coordinated.

Every other pair has a single or multiple closed-channel repeaters on them -- if the repeaters exist at all (and many don't).

Now the "Scrubba" dudes can't be all bad -- this took some thought to accomplish. I don't think when this bandplan was formulated that they figured that in the 1990's, 440 was going to be a popular band.

Times changed. The method has become their madness. We need to triple the available "open" pairs and create a few for extremely high-level wide-area signalling, a few for regional use, and a few for community use on a shared CTCSS-controlled inputs. And that would leave plenty of room for the private repeaters.

Coordination has to be more assertive. First come, first served may work great at the bakery. But in a city with borders, planning and negotiating go hand-in-hand. So XYZARC can't put their private repeater on Mount Horizon at 500 watts Omni, they'll have to decide between Lookout Hill at 50 watts or Polaroid Point at 100 watts with a Southern directional. Sorry fellas. What's that? You want Lookout Hill at 150 watts Omni? Well lets make it 100 watts and you can increase to 150 watts during your weekly net and during emergencies. Fair enough? Deal!

See? Easy!

73

--

[Robb Topolski][San Clemente CA][topolski@kaiwan.com][192.215.30.2]
Mattel has come out with a new Barbie doll for Christmas: Divorcee' Barbie.
It comes with all the usual accessories, plus all of Ken's stuff.

End of Info-Hams Digest V94 #656
